

Abstract Submitted  
for the APR16 Meeting of  
The American Physical Society

**The properties of spikes in spacetime singularities** DAVID GARFINKLE, Oakland University — When a spacetime singularity forms, narrow features called spikes form and become ever narrower as the singularity is approached. This talk reports on a combination of analytical and numerical work that yields a complete description of the properties of the spikes. I also report on work on the possible effects of quantum gravity on spikes.

David Garfinkle  
Oakland University

Date submitted: 02 Jan 2016

Electronic form version 1.4